

**Notice of Allowability**

Application No.

10/042,483

Examiner

Mark P. Francis

Applicant(s)

DATTA ET AL.

Art Unit

2193

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 01/05/07.
2. ☒ The allowed claim(s) is/are 1,3-5,8-9,11-13,16-17, 19-21, and 24 now renumbered as claims 1-15.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

**MENG-AL ZHAN**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2100**

**Examiner's Amendment**

1. This Office Action is responsive to the communication filed January 05, 2007.
2. Per applicant's request, amended claims 1,9, and 17 have been entered. Claims 7,15, and 23 are cancelled.
3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
4. Authorization for this examiner's amendment was given by J.B. Kraft, Reg. 19,226 on March 19, 2007.
5. The following claims had been amended.  
Claims 7,15, and 23 are cancelled.
  1. (currently amended) A computer controlled system having processor for modularizing the information technology structure of a business organization into a structure of interchangeable holonic self-contained modules, with each module performing a set of related functions comprising:  
means for providing a plurality of sets of self-controlling holons, each holon in each set performing a business capability of the same type as performed by the other

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holons in its respective set but each set of holons performing a different business capability type than the other sets of holons and each holon being interchangeable to perform its respective business capabilities in other information technology structures;

means for providing a plurality of integration holons, each integration holon respectively integrating the holons in one of said sets into a unitary overall business capability holon providing a coordinated overall business capability of one of said different types;

a holon directory listing available interchangeable holons and the respective business capability of each of said available holons; and

means for registering an interchangeable holon in said directory.

9. (currently amended) In a computer controlled system, a method for modularizing the information technology structure of a business organization into a structure of interchangeable holonic self-contained modules, with each module performing a set of related functions comprising:

providing a plurality of sets of self-controlling holons, each holon in each set performing a business capability of the same type as performed by the other holons in its respective set but each set of holons performing a different business capability type than the other sets of holons and each holon being interchangeable to perform its respective business capabilities in other information technology structures;

providing a plurality of integration holons, each integration holon respectively integrating the holons in one of said sets into a unitary overall business capability holon providing a coordinated overall business capability of one of said different types;  
providing a holon directory listing available interchangeable holons and the respective business capability of each of said available holons; and  
registering an interchangeable holon in said directory.

16. (original) The method for modularizing the information technology structure of a business organization of claim 12 further including the step of visualizing the modularized information technology structure of said business organization on a display of said computer controlled system.

17. (currently amended) A computer program having code recorded on a computer readable medium in a computer controlled system for modularizing the information technology structure of a business organization into a structure of interchangeable holonic self-contained modules, with each module performing a set of related functions comprising:

means for providing a plurality of sets of self-controlling holons, each holon in each set performing a business capability of the same type as performed by the other holons in its respective set but each set of holons performing a different business

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capability type than the other sets of holons and each holon being interchangeable to perform its respective business capabilities in other information technology structures;

means for providing a plurality of integration holons, each integration holon respectively integrating the holons in one of said sets into a unitary overall business capability holon providing a coordinated overall business capability of one of said different types;

a holon directory listing available interchangeable holons and the respective business capability of each of said available holons; and

means for registering an interchangeable holon in said directory.

***Allowable Subject Matter***

5. The following is an examiner's statement of reasons for allowance: The prior art of record does not teach or fairly suggest at least the feature of:

and including: a holon directory listing available interchangeable holons and the respective business capability of each of said available holons; and means for registering an interchangeable holon in said directory, as recited in such a manner as recited in each of the independent claims 1,9 and 17.


6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### **Correspondence Information**

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark P. Francis whose telephone number is (571)272-7956. The examiner can normally be reached on Mon-Fri 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai T. An can be reached on (571)272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
**MENG-AI T. AN**  
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